



DoD Executive Agent

Office of the
Assistant Secretary
of the Army
(Installations and
Environment)



The Fully-Burdened Cost of Waste in Contingency Operations



Dr. Marc Kodack, AEPI

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Technology Transition – Supporting DoD Readiness, Sustainability, and the Warfighter

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Background

- 2010 National Defense Authorization Act
- Health effects of open-air burning on military personnel
- Tool to select “best” technology for waste management



Project Goals

- Better manage solid, hazardous, and medical waste overseas
 - Create method to calculate the fully burdened cost
 - Draw on fuel and water fully burdened cost project methods



Pilot Objectives

- Build on lessons learned from Iraq and Afghanistan
- Develop method to calculate fully burdened cost
- Ensure easy transfer to potential users and stakeholders
- Demonstrate methods with unclassified data and scenarios



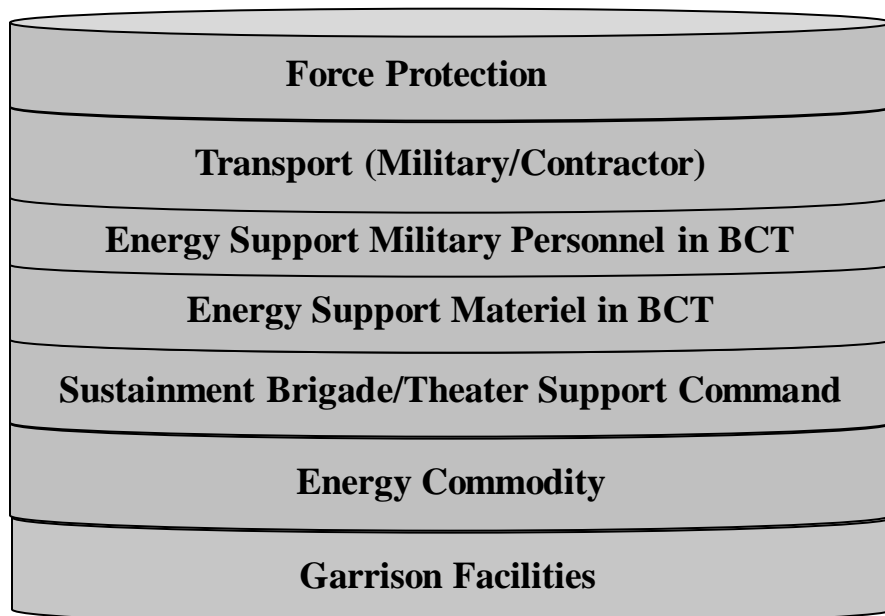
Recommendations

- Validate method with additional data
- Host roundtable with DoD personnel
 - Share information
 - Choose consistent cost metrics
 - Consider other management tools to increase efficiency
 - Examine implications of combining existing tools/approaches

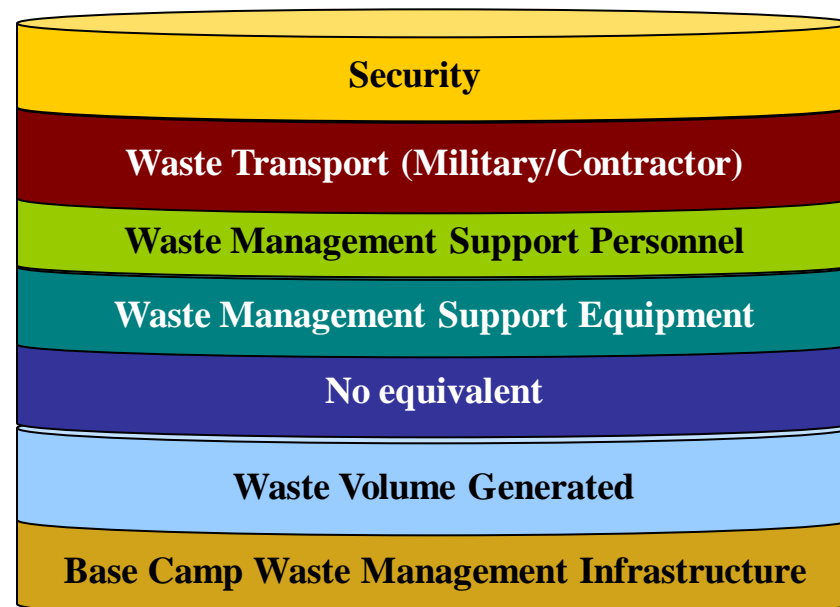


Methodology Comparison: Fully Burdened Costs of Fuel and Waste

Sustain the Mission Project Methodology: Fully Burdened Cost of Fuel Resource Components



DRAFT Fully Burdened Cost of Waste Management Resource Components (at a Mature Base Camp)





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www.ndcee.ctc.com



Points of Contact



Marc Kodack
Army Environmental Policy Institute
703-604-2310
marc.kodack@us.army.mil

Elizabeth Keysar
Concurrent Technologies Corporation (CTC)
(770) 631-0137
keysare@ctc.com

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